

Storm Data and Unusual Weather Phenomena - December 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
LOUISIANA, Northeast				
CONCORDIA COUNTY --- 1.5 NNW VIDALIA [31.57, -91.44]				
	12/23/14 10:48 CST		0	Hail (1.00 in)
	12/23/14 10:48 CST		0	Source: Law Enforcement
Penny to quarter sized hail fell around Vidalia.				
CONCORDIA COUNTY --- 2.8 N LISMORE [31.56, -91.75], 4.0 NW CLAYTON [31.76, -91.60]				
	12/23/14 11:00 CST		10K	Hail (2.75 in)
	12/23/14 11:12 CST		0	Source: Law Enforcement
A swath of mainly golfball to baseball sized hail occurred from just east of Wildsville to just west of Clayton . A vehicle was damaged by some of the golfball sized hail.				
CATAHOULA COUNTY --- 0.4 NNW MAITLAND [31.76, -91.62], 4.0 NNE FOULES [31.88, -91.58]				
	12/23/14 11:11 CST		20K	Hail (4.25 in)
	12/23/14 11:23 CST		0	Source: Public
A swath of hail fell on the east side of the parish . Hail sizes ranged from golfball to baseball size. Grapefruit sized hail fell just to the east southeast of Sicily Island. Hail damaged roofs and vehicles east of Sicily Island.				
FRANKLIN COUNTY --- 5.5 ESE PECK [31.89, -91.58], 3.2 E GRIFFIN [32.04, -91.52]				
	12/23/14 11:22 CST		0	Hail (2.00 in)
	12/23/14 11:36 CST		0	Source: Trained Spotter
A swath of hail, ranging from quarter to golfball size, fell along the eastern side of the parish. Hen egg sized hail fell along Louisiana Highway 562.				
FRANKLIN COUNTY --- 1.2 W GRIFFIN [32.03, -91.59]				
	12/23/14 11:34 CST		3K	Thunderstorm Wind (EG 53 kt)
	12/23/14 11:34 CST		0	Source: Park/Forest Service
Several trees were blown down in the Buckhorn Wildlife Management Area.				
<p>During the afternoon of Dec 23, just enough ingredients came together to support numerous severe storms ahead of a cold front.</p> <p>Across the Lower Mississippi River Valley, peak heating contributed to decent instability in the developing warm sector in advance of the front. Sufficient low level wind shear and strong winds aloft were also in place as a decent upper low was located to our north. This helped to support organized thunderstorm activity along with quite a few supercell storms.</p> <p>A supercell thunderstorm developed in northeast Louisiana and split into different thunderstorms. What we call a "left-mover" began to quickly move to the north. This storm has a rotating updraft that rotates anticyclonically (clockwise) . Due to large hail being generated aloft in the storm, a three-body scatter spike (TBSS) or hail spike developed on radar, indicating very large hail was possible. This storm had produced golf ball to grapefruit sized hail.</p>				
MISSISSIPPI, Central				
HUMPHREYS COUNTY --- 1.5 SSE ROMEO [33.01, -90.56]				
	12/01/14 13:20 CST		0	Funnel Cloud
	12/01/14 13:20 CST		0	Source: Social Media
The funnel cloud was visible from Wolf Lake and was verified by pictures and video.				
A shallow arctic air mass cold front slowly made its way across the delta region during the day. In the early afternoon a funnel cloud was visible from Wolf Lake.				
CARROLL COUNTY --- 0.6 E BLACK HAWK [33.33, -90.01]				
	12/05/14 18:25 CST		2K	Thunderstorm Wind (EG 50 kt)
	12/05/14 18:25 CST		0	Source: Emergency Manager
Some trees were blown down along Highway 17 near Black Hawk.				

Storm Data and Unusual Weather Phenomena - December 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
An upper level disturbance moved through the region and produced some thunderstorms. A few of the storms became strong to severe and produced a little wind damage.				
SIMPSON COUNTY --- 1.5 SSE SHIVERS [31.78, -89.99]				
	12/15/14 16:15 CST		0	Funnel Cloud
	12/15/14 16:15 CST		0	Source: Public
SIMPSON COUNTY --- 1.5 SSE SHIVERS [31.78, -89.99]				
	12/15/14 16:15 CST		1K	Thunderstorm Wind (EG 50 kt)
	12/15/14 16:15 CST		0	Source: Public
Large tree limbs and branches were blown down.				
SMITH COUNTY --- 4.9 SW MIZE [31.83, -89.62], 3.4 SW MIZE [31.84, -89.59]				
	12/15/14 17:02 CST		6K	Tornado (EF0, L: 1.53 mi , W: 50 yd)
	12/15/14 17:06 CST		0	Source: NWS Storm Survey
This weak tornado touched down near the intersection of county roads 61 and 50, where some large limbs were snapped. The tornado continued along country road 50, causing some roof damage to a chicken house and ended near the intersection of county roads 50 and 50A. Here, it snapped a few more large limbs. The maximum sustained winds were 75 mph.				
SMITH COUNTY --- 2.2 NW TAYLORSVILLE [31.85, -89.46]				
	12/15/14 17:25 CST		3K	Thunderstorm Wind (EG 50 kt)
	12/15/14 17:25 CST		0	Source: Law Enforcement
Pine trees were blown down northwest of Taylorsville.				
WARREN COUNTY --- 1.2 N BOVINA [32.37, -90.73], 1.7 NNE BOVINA [32.37, -90.71]				
	12/15/14 17:56 CST		12K	Tornado (EF0, L: 1.17 mi , W: 75 yd)
	12/15/14 18:00 CST		0	Source: NWS Storm Survey
This weak tornado touched down along Tucker Road , causing minor damage to a mobile home. The tornado continued along Allen Place, snapping a few large trees and causing minor roof damage to a home. Some of these trees took down a few powerlines in the process along the path. The tornado lifted on Tiffintown Road where one tree was uprooted. The tornado was rated an EF0 with max wind speeds of 85 mph.				
During the afternoon of Dec 15, just enough ingredients came together to support isolated severe storms ahead of a cold front. Across the Lower Mississippi River Valley, peak heating contributed to decent instability in the developing warm sector in advance of the front. Sufficient low level wind shear and strong winds aloft were also in place as a decent upper low was located to our north. This helped to support organized thunderstorm activity along with a few rotating mini-supercell storms.				
A long lived, persistent, storm tracked across the southern counties (roughly a Bude to Taylorsville, Mississippi line) and produced a few funnel clouds and one instance of a brief tornado (southwest of Mize). Along the actual front, a broken line of storms developed. One cell along the line developed some weak rotation and produced a brief tornado near Bovina, Mississippi. Activity weakened during the evening as it pushed east and out of the area around midnight.				
JONES COUNTY --- 1.5 SSW GITANO [31.75, -89.34]				
	12/23/14 05:05 CST		0	Hail (1.00 in)
	12/23/14 05:05 CST		0	Source: Public
Quarter sized hail fell along Bernis Hill Road.				
FRANKLIN COUNTY --- 0.7 S BUDE [31.46, -90.85]				
	12/23/14 07:20 CST		0	Hail (0.75 in)
	12/23/14 07:20 CST		0	Source: Broadcast Media
LINCOLN COUNTY --- 1.2 W CASEYVILLE [31.67, -90.69]				
	12/23/14 07:41 CST		0	Hail (1.00 in)
	12/23/14 07:41 CST		0	Source: Public
Quarter sized hail fell along MS Highway 550.				
NESHOBA COUNTY --- 3.5 W ARLINGTON [32.86, -89.24]				

Storm Data and Unusual Weather Phenomena - December 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	12/23/14 10:17 CST		0	Hail (0.88 in)
	12/23/14 10:17 CST		0	Source: Trained Spotter
<hr/>				
LINCOLN COUNTY --- 1.2 W CASEYVILLE [31.67, -90.69]	12/23/14 10:36 CST		0	Hail (0.75 in)
	12/23/14 10:36 CST		0	Source: Public
This was the second time that hail fell at this location on this morning.				
<hr/>				
WINSTON COUNTY --- 0.9 SE LOUISVILLE [33.12, -89.04]	12/23/14 10:39 CST		0	Hail (0.75 in)
	12/23/14 10:39 CST		0	Source: Broadcast Media
<hr/>				
WINSTON COUNTY --- 2.8 N ROSS [33.09, -89.03]	12/23/14 10:52 CST		2K	Thunderstorm Wind (EG 50 kt)
	12/23/14 10:52 CST		0	Source: Emergency Manager
A tree was knocked down across Enon Road. Dime sized hail also fell in the Yellow Creek Community east of Louisville.				
<hr/>				
LAWRENCE COUNTY --- 1.5 SSE ROBINWOOD [31.46, -90.07]	12/23/14 11:05 CST		0	Hail (0.75 in)
	12/23/14 11:05 CST		0	Source: Broadcast Media
<hr/>				
LAWRENCE COUNTY --- 1.4 ENE GRANGE [31.69, -89.98]	12/23/14 11:08 CST		2K	Thunderstorm Wind (EG 51 kt)
	12/23/14 11:08 CST		0	Source: Law Enforcement
A few trees were blown down along Highway 43.				
<hr/>				
JEFFERSON DAVIS COUNTY --- 0.6 E PRENTISS [31.60, -89.87]	12/23/14 11:25 CST		0	Hail (0.75 in)
	12/23/14 11:25 CST		0	Source: Law Enforcement
<hr/>				
LINCOLN COUNTY --- 0.6 E WEST LINCOLN [31.48, -90.57]	12/23/14 11:35 CST		2K	Thunderstorm Wind (EG 52 kt)
	12/23/14 11:35 CST		0	Source: Emergency Manager
A few trees were blown down in southern Lincoln County.				
<hr/>				
LAUDERDALE COUNTY --- 1.8 NE GRAHAM [32.35, -88.83]	12/23/14 11:39 CST		0	Hail (1.00 in)
	12/23/14 11:39 CST		0	Source: Emergency Manager
Dime to quarter sized hail fell in the western portion of the county, around Meehan.				
<hr/>				
LAUDERDALE COUNTY --- 0.7 S SUQUALENA [32.44, -88.83]	12/23/14 11:45 CST		0	Hail (0.75 in)
	12/23/14 11:45 CST		0	Source: Public
<hr/>				
KEMPER COUNTY --- 0.6 W DE KALB [32.77, -88.66]	12/23/14 12:10 CST		0	Hail (1.00 in)
	12/23/14 12:10 CST		0	Source: Law Enforcement
Dime to quarter sized hail covered the ground in Dekalb.				
<hr/>				
KEMPER COUNTY --- 0.6 W DE KALB [32.77, -88.66]	12/23/14 12:10 CST		1K	Thunderstorm Wind (EG 50 kt)
	12/23/14 12:10 CST		0	Source: Amateur Radio
Large tree limbs and branches were blown down.				

Storm Data and Unusual Weather Phenomena - December 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
LINCOLN COUNTY --- 0.9 NW THAYER [31.49, -90.46], 2.6 SSE WOOLWORTH [31.60, -90.26]				
	12/23/14 12:15 CST		0	Hail (1.75 in)
	12/23/14 12:34 CST		0	Source: Emergency Manager
A swath of hail fell just north of Bogue Chitto to the Lincoln/Lawrence county line. Hail sizes ranged from quarter to golfball size.				
LAWRENCE COUNTY --- 2.8 WNW SONTAG [31.66, -90.25], 2.0 E OMA [31.75, -90.10]				
	12/23/14 12:33 CST		0	Hail (1.00 in)
	12/23/14 12:51 CST		0	Source: Emergency Manager
Swath of quarter size hail fell across portions of northern Lawrence County.				
SIMPSON COUNTY --- 1.6 SW POKAL [31.76, -90.10], 1.3 SSE WEATHERSBY [31.91, -89.82]				
	12/23/14 12:48 CST		0	Hail (1.00 in)
	12/23/14 13:15 CST		0	Source: Unknown
Swath of quarter size hail fell across portions of south central Simpson County.				
ADAMS COUNTY --- 1.8 E NATCHEZ [31.57, -91.37]				
	12/23/14 12:50 CST		5K	Thunderstorm Wind (EG 50 kt)
	12/23/14 12:50 CST		0	Source: Emergency Manager
A tree was blown down on a house on Ivy Lane.				
MARION COUNTY --- KOKOMO [31.20, -90.00]				
	12/23/14 14:05 CST		0	Hail (0.75 in)
	12/23/14 14:05 CST		0	Source: Public
MARION COUNTY --- 0.7 N FOXWORTH [31.24, -89.88]				
	12/23/14 14:13 CST		0	Hail (0.75 in)
	12/23/14 14:13 CST		0	Source: Public
MARION COUNTY --- 1.6 S COLUMBIA [31.23, -89.83], 9.9 E COLUMBIA MARION ARPT [31.32, -89.65]				
	12/23/14 14:20 CST	3	25M	Tornado (EF3, L: 12.51 mi , W: 880 yd)
	12/23/14 14:36 CST	50	0	Source: NWS Storm Survey
This tornado first touched down just east of the Pearl River just south of Columbia. It quickly became strong and moved northeast impacting the southeast side of Columbia. The tornado remained on the ground through Marion County before lifting as it approached the Lamar County line. Numerous businesses, homes, mobile homes, a National Guard building and power poles and lines were heavily damaged or destroyed by the tornado. One well-built home was mostly destroyed and nearly reduced to a slab. This home received the highest damage rating. Extensive tree damage also occurred along the path of the storm. Maximum wind speed of this tornado was 165mph.				
Direct Fatalities: F33BU, F71MH, M71VE				
LAMAR COUNTY --- 0.4 S SUMRALL [31.41, -89.55]				
	12/23/14 14:45 CST		2.50K	Tornado (EF0, L: 0.06 mi , W: 50 yd)
	12/23/14 14:45 CST		0	Source: NWS Storm Survey
This tornado briefly touched down in Sumrall. The tin roof of a daycare center and several large limbs were knocked down from this brief tornado touchdown. The estimated wind speed was 70 mph.				
LAMAR COUNTY --- 0.9 ENE SUMRALL [31.42, -89.54], 1.1 ENE SUMRALL [31.43, -89.53]				
	12/23/14 14:46 CST		23K	Tornado (EF0, L: 0.24 mi , W: 50 yd)
	12/23/14 14:47 CST		0	Source: NWS Storm Survey
This tornado briefly touched down in a subdivision north of Sumrall. Twelve homes received minor roof damage, several fences were damaged, and two trees were downed. The estimated wind speed was 75 mph.				
JONES COUNTY --- 4.2 NW TAWANTA [31.60, -89.29]				
	12/23/14 15:05 CST		2K	Thunderstorm Wind (EG 52 kt)
	12/23/14 15:05 CST		0	Source: Trained Spotter

Storm Data and Unusual Weather Phenomena - December 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Trees were snapped and uprooted.				
JONES COUNTY --- 2.2 S SERVICE [31.70, -89.22], 0.7 NNW HOY [31.76, -89.15]				
	12/23/14 15:22 CST	2	2.20M	Tornado (EF2, L: 5.89 mi , W: 350 yd)
	12/23/14 15:27 CST		0	Source: NWS Storm Survey
This tornado started along Maxey Rd and tracked northeast for a little over 5 miles. Initially the damage was light with only a tree or two snapped and large limbs broken. As the tornado crossed State Highway 28, the width of the tornado increased as well as the intensity. Here, several large pine trees were uprooted and snapped along with a few portions of wooden fence torn down. Along Gardner Rd, more trees were damaged along with some minor roof damage to some homes. A large barn had most of the roof removed with the tin scattered along the path . Similar tree damage occurred as the tornado crossed Hines Rd, Tim Holifield Rd and Service Rd. The tornado reached peak intensity as it crossed Mullican Rd. Here three homes sustained moderate roof damage with dozens of trees snapped/uprooted. A mobile home at this location was totally destroyed and unrecognizable with the undercarriage thrown a considerable distance. Two fatalities occurred in the mobile home . Next to the mobile home was a small wood frame home on a slab. This structure was removed off the foundation . A large wooden storage shed was totally destroyed as well at this location . Peak winds here were at 125 mph. From this point, the tornado narrowed and weakened as it moved northeast and tracked across Bush Dairy Rd and then State Highway 15 where it eventually lifted.				
Direct Fatalities: M45MH, F40MH				
JASPER COUNTY --- 2.4 W HEIDELBERG [31.88, -89.04]				
	12/23/14 15:42 CST		10K	Thunderstorm Wind (EG 55 kt)
	12/23/14 15:42 CST		0	Source: Amateur Radio
Trees were snapped and uprooted around Heidelberg. Trees were blown down onto County Road 377 just south of Heidelberg.				
JONES COUNTY --- 0.9 NE LANHAM [31.59, -89.09]				
	12/23/14 15:45 CST		0.20K	Thunderstorm Wind (EG 50 kt)
	12/23/14 15:45 CST		0	Source: Amateur Radio
Large tree limbs and branches were blown down.				
CLARKE COUNTY --- 6.3 S GOODWATER [31.83, -88.89]				
	12/23/14 15:59 CST		1K	Thunderstorm Wind (EG 50 kt)
	12/23/14 15:59 CST		0	Source: Emergency Manager
A tree was blown down on County Road 230 near the Clarke/Wayne county line.				
LAUDERDALE COUNTY --- 0.9 NE MERIDIAN [32.38, -88.71]				
	12/23/14 16:00 CST		2K	Thunderstorm Wind (EG 50 kt)
	12/23/14 16:00 CST		0	Source: Law Enforcement
A power line was blown down.				
CLARKE COUNTY --- JUNCTION CITY [31.95, -88.58]				
	12/23/14 16:13 CST		3K	Thunderstorm Wind (EG 51 kt)
	12/23/14 16:13 CST		0	Source: Emergency Manager
Trees were blown down near the Carmichael Community.				
CLARKE COUNTY --- 3.5 S SNELL [32.15, -88.50]				
	12/23/14 16:23 CST		2K	Thunderstorm Wind (EG 50 kt)
	12/23/14 16:23 CST		0	Source: Emergency Manager
A tree was blown down on County Road 420 north of Mississippi Highway 18.				
CLARKE COUNTY --- 0.3 W CREEK [32.00, -88.49], 0.3 NE CREEK [32.00, -88.48]				
	12/23/14 16:27 CST		7K	Tornado (EF0, L: 0.49 mi , W: 100 yd)
	12/23/14 16:29 CST		0	Source: NWS Storm Survey
The tornado started along County Road 658 and traveled northeast. It crossed Pine Ridge Road and ended about one quarter mile into the woods. The skirting of a mobile home was blown out along with a few large pine branches and large tree tops were broken off . The estimated wind speed was 75mph.				

Storm Data and Unusual Weather Phenomena - December 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
----------	-----------	-------------------	---------------------	------------------------

During the afternoon of Dec 23, just enough ingredients came together to support numerous severe storms ahead of a cold front. Across the Lower Mississippi River Valley, peak heating contributed to decent instability in the developing warm sector in advance of the front. Sufficient low level wind shear and strong winds aloft were also in place as a decent upper low was located to our north. This helped to support organized thunderstorm activity along with quite a few supercell storms.

A long lived, persistent, storm tracked across the southeastern counties (near Columbia, Mississippi to Sumrall and Laurel to Heidelberg, Mississippi line) and produced multiple tornadoes. Widespread damage occurred in southern Columbia and near Laurel. Additional damage occurred across Marion, Jones and Clarke counties. Sadly, five confirmed fatalities occurred, with three near Columbia in Marion County and two near Laurel in Jones County. Severe storms moved out of the region by late afternoon to early Tuesday evening. The front continued to track through the area through the evening of December 23.



Two brick houses were damaged and one was nearly reduced to a slab in Columbia near East Marion School Road.

WARREN COUNTY --- 2.0 NW YOKENA [32.19, -90.97]

12/27/14 13:36 CST	1K	Hail (1.50 in)
12/27/14 13:36 CST	0	Source: Trained Spotter

WARREN COUNTY --- VICKSBURG [32.35, -90.88]

12/27/14 13:58 CST	0	Hail (1.00 in)
12/27/14 13:58 CST	0	Source: Trained Spotter

The combination of a cold front and a warm unstable air mass caused some isolated severe storms with large hail over Warren county during the afternoon.

Storm Data and Unusual Weather Phenomena - December 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
----------	-----------	-------------------	---------------------	------------------------